

ABSTRACT OF THE DISCLOSURE

A method and device are provided for segmenting an image of pixels into a number of fields. First the method finds field separators using the background of the image, in particular white areas on a newspaper page. Based on the areas in the image, a graph is constructed that has edges corresponding to the white areas and vertices where vertical and
5 horizontal white areas intersect. The segmenting starts with assigning weights to the edges, in particular a weight indicating the Euclidean distance between the vertices. Then a list of shortest cycles is constructed via the edges and vertices in the graph. The fields are defined by the vertices and edges of the shortest cycles of the list.